

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A circuitry assembly, comprising:

a plurality of first electric wires, forming a first wire group;

a plurality of second electric wires, intersecting the first electric wires, while forming a second wire group;

a first insulative sheet, disposed between the first wire group and the second wire group;

and

a wiring member, which holds both of the first electric wires and the second electric wires, wherein said wiring member holds the first wire group in a first direction and the second wire group in a second direction which intersects the first direction such that the first wire group intersects the second wire group;

wherein the wiring member comprises a plurality of grooves each partly holding one of the first electric wires or one of the second electric wires; and

wherein the wiring member is a rectangular plate body wherein the plurality of grooves are provided at a plurality of side edge portions of the rectangular plate body such that a first set of the plurality of grooves receives the first wire group in the first direction and a second set of the plurality of grooves receives the second wire group in the second direction.

2. (original): The circuitry assembly as set forth in claim 1, wherein the first insulative sheet is formed with at least one opening located corresponding to at least one intersecting point at which one of the first electric wires and one of the second electric wires are electrically connected.

3. (original): The circuitry assembly as set forth in claim 1, further comprising a second insulative sheet, disposed between the wiring member and the second wire group

4. (previously presented): A circuitry assembly, comprising:
a plurality of first electric wires, forming a first wire group;
a plurality of second electric wires, intersecting the first electric wires, while forming a second wire group;
a first insulative sheet, disposed between the first wire group and the second wire group;
and
a wiring member, which holds both of the first electric wires and the second electric wires,
a second insulative sheet, disposed between the wiring member and the second wire group,
wherein the second insulative sheet is formed with a plurality of grooves which respectively receive the second electric wires.

5. (original): The circuitry assembly as set forth in claim 1, wherein the first insulative sheet is provided as a flexible film.

6. (original): The circuitry assembly as set forth in claim 1, wherein the first insulative sheet is comprised of either polyethylene terephthalate or polyethylene naphthalate.

7. (original): The circuitry assembly as set forth in claim 1, wherein at least one of the first electric wires and the second electric wires is plated with tin.

8. (canceled).

9. (original): An electric junction box, comprising:
a casing body, in which the circuitry assembly as set forth in claim 1 is accommodated;
a first terminal, to which each one of the first electric wires held by the wiring member is press-fitted to be electrically connected therewith; and
a second terminal, to which each one of the second electric wires held by the wiring member is press-fitted to be electrically connected therewith.

10. (original): The electrical junction box as set forth in claim 9, further comprising a cover, formed with a plurality of grooves which respectively receive the first electric wires.

11. (previously presented): The circuit assembly as set forth in claim 1, wherein the first direction is perpendicular to the second direction.

12. (previously presented): An electric junction box, comprising:
a casing body, in which the circuitry assembly as set forth in claim 4 is accommodated;
a first terminal, to which each one of the first electric wires held by the wiring member is press-fitted to be electrically connected therewith; and
a second terminal, to which each one of the second electric wires held by the wiring member is press-fitted to be electrically connected therewith.

13. (previously presented): The electrical junction box as set forth in claim 12, further comprising a cover, formed with a plurality of grooves which respectively receive the first electric wires.

14. (previously presented): The circuitry assembly as set forth in claim 1, wherein the wiring member holds the first electric wires and the second electric wires at a peripheral end portion of the wiring member at which the first wire group does not intersect the second wire group.

15. (canceled).

16. (currently amended): The circuitry assembly as set forth in claim ~~15~~1, wherein the plurality of grooves of the rectangular plate body are provided at each of the side edge portions of the rectangular plate body such that the first wire group is retained in the first set of the plurality of grooves at a first pair of the side edge portions and the second wire group is retained in the second set of the plurality of grooves at a second pair of the side edge portions, which are disposed in a perpendicular relation with respect to the first pair of the side edge portions.

17. (currently amended): A circuitry assembly, comprising:
a plurality of first electric wires, forming a first wire group;
a plurality of second electric wires, intersecting the first electric wires, while forming a
second wire group;
a first insulative sheet, disposed between the first wire group and the second wire group;
and
a wiring member, which holds both of the first electric wires and the second electric
wires, wherein said wiring member holds the first wire group in a first direction and the second
wire group in a second direction which intersects the first direction such that the first wire group
intersects the second wire group;
wherein the wiring member comprises a plurality of grooves each partly holding one of
the first electric wires or one of the second electric wires; ~~The circuitry assembly as set forth in~~
~~claim 1,~~

wherein the wiring member is a rectangular plate body which includes wire fixing portions at each of four side edge portions of the rectangular plate body, said wire fixing portions each including ~~at~~a plurality of grooves, and

wherein a first pair of the wire fixing portions disposed at edges of the rectangular plate body parallel to the second direction retain the first wire group and a second pair of the wire fixing portions disposed at edges of the rectangular plate body parallel to the first direction retain the second wire group.

18. (currently amended): The circuit assembly as set forth in claim 17, wherein each of the plurality of first electric wires are separately retained by the plurality of~~corresponding~~ grooves ~~of~~included in the first pair of the wire fixing portions and each of the plurality of second electric wires are separately retained by the plurality of~~corresponding~~ grooves ~~of~~included in the second pair of the wire fixing portions.

19. (previously presented): The circuit assembly as set forth in claim 18, wherein the plurality of first electric wires intersects the plurality of second electric wires between the first pair of wire fixing portions of the rectangular body and the plurality of second electric wires intersects the plurality of first electric wires between the second pair of wire fixing portions of the rectangular body.

20. (previously presented): The circuitry assembly as set forth in claim 1, wherein the first insulative sheet is formed with a plurality of openings, such that each opening of the first

insulative sheet provides electrical connection between a different pair of wires of the first wire group and the second wire group.

21. (previously presented): The circuitry assembly as set forth in claim 4, wherein the wiring member comprises a plurality of grooves each partly holding one of the first electric wires or one of the second electric wires.